

ABSTRACT

A conductive composition comprising a vapor grown carbon fiber having an aspect ratio of 40 to 1,000, preferably 65 to 1,000, and a specific surface area or fiber diameter of the fiber within a predetermined range, and a preferable peak intensity ratio ($I_0 = I_{1360}/I_{1580}$) of 0.1 to 1, wherein I_{1580} represents a peak height at $1,580\text{ cm}^{-1}$ and I_{1360} represents a peak height at $1,360\text{ cm}^{-1}$ in a Raman scattering spectrum; and a resin composition containing the composition; and a production method thereof. The present invention provides: i) a composition which exhibits stable conductivity and less deterioration in physical properties during any molding methods in a conductive plastic in which a conductive filler is dispersed in a polymer; ii) a composite material composition for precision molding which enables production of a molded product with low warpage and is excellent in mechanical properties and performance during the injection molding; and iii) a sliding member composition which exhibits durability under high temperature and heavy load and has a low friction coefficient.